

Converting Colors

$Yxy(72.0891, 0.2891, 0.3415)$

Have a look what the booklet for
Yxy(72.0891, 0.2891, 0.3415)
contains.

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Color

Yxy(71.8984, 0.2892, 0.3417)

Conversions

Conversions Part 1

Format	Color
Hex	B8E6DB
RGB	184, 230, 219
RGB Percent	72%, 90%, 86%
CMY	0.2783, 0.0980, 0.1413
CMYK	0.20, 0.00, 0.05, 0.10
HSL	166°, 48%, 81%
HSV	166°, 20%, 90%
XYZ	60.8517, 71.8984, 77.6637
YIQ	214.9920, -23.8850, -13.1730

Conversions

Conversions Part 2

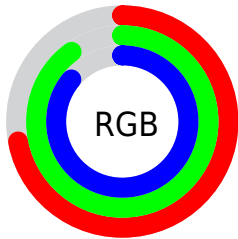
Format	Color
RYB	184, 210, 230
Decimal	12117723
CIELab	87.92, -16.99, 0.48
CIElCh	88, 16.998, 178.398
Yxy	71.8984, 0.2892, 0.3417
Android (android.graphics.Color)	4290307803 (0xFFB8E6DB)
YUV	214.9920, 1.9759, -27.1800
Hunter-Lab	84.7929, -20.2870, 5.0500

Details

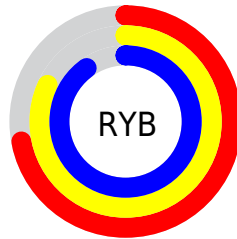
The Yxy color **71.8984, 0.2892, 0.3417** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **55.0607, 0.3430, 0.3167**, and the grayscale version is **67.9519, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4408, 0.3041, 0.3290**, and **37.6983, 0.2835, 0.3443** is the 20% darker color. If you saturate the color by 10%, you get **69.0015, 0.2785, 0.3490**, and if you desaturate by 10%, it is **75.2727, 0.3007, 0.3350**.

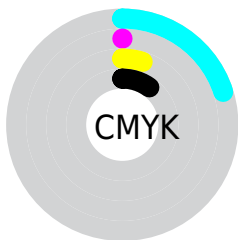
Distribution



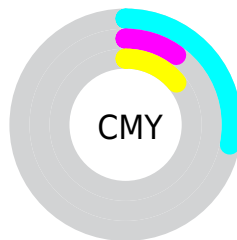
- Red (72%)
- Green (90%)
- Blue (86%)



- Red (72%)
- Yellow (82%)
- Blue (90%)



- Cyan (20%)
- Magenta (0%)
- Yellow (5%)
- Black (10%)





- Cyan (28%)
- Magenta (10%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.8984, 0.2892, 0.3417 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 71.8984, 0.2892, 0.3417 by changing the saturation by 10% instead.


 71.8984, 0.2892,
0.3417

 71.8984, 0.2892,
0.3417


467.1879, 0.3001,
0.3358

 53.0757, 0.2867,
0.3431


 121.9121, 0.2930,
0.3397

 37.8632, 0.2836,
0.3447


153.8718, 0.2945,
0.3389

 25.8765, 0.2797,
0.3469


190.9794, 0.2957,
0.3382

 16.7313, 0.2746,
0.3496

233.6191, 0.2968,
0.3376

 10.0431, 0.2675,
0.3535

282.1754, 0.2978,
0.3371

 5.4275, 0.2574,
0.3590

337.0327, 0.2987,

 2.5002, 0.2413,

0.3366

0.3678

398.5754, 0.2994,
0.3362

0.8768, 0.1888,
0.3955

0.0000, 0.0000,
0.0000

71.8984, 0.2892,
0.3417

71.8984, 0.2892,
0.3417

69.0015, 0.2785,
0.3490

75.2727, 0.3007,
0.3350

66.5507, 0.2689,
0.3568


79.1364, 0.3127,
0.3290

64.5247, 0.2607,
0.3650

83.5120, 0.3250,
0.3236

62.8971, 0.2542,
0.3737


84.2084, 0.3228,
0.3182

 61.6382, 0.2495,
0.3826


 84.5435, 0.3192,
0.3129

 60.7142, 0.2468,
0.3916

 84.8887, 0.3157,
0.3076

 60.0851, 0.2461,
0.4005

 85.0744, 0.3138,
0.3048

 59.6817, 0.2471,
0.4094

 59.6812, 0.2471,
0.4094

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.8984, 0.3081, 0.3577



71.8984, 0.2892, 0.3417



71.8984, 0.2768, 0.3224

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.8984, 0.2892, 0.3417



71.8984, 0.2960, 0.2952



71.8984, 0.3533, 0.3504

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



71.8984, 0.2892, 0.3417



55.0607, 0.3430, 0.3167

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.8984, 0.3500, 0.3337



71.8984, 0.2892, 0.3417



71.8984, 0.3164, 0.3026

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.8984, 0.2892, 0.3417



71.8984, 0.2806, 0.2962



71.8984, 0.3363, 0.3164



71.8984, 0.3453, 0.3622

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.8984, 0.2892, 0.3417



71.8984, 0.2736, 0.3108



71.8984, 0.3363, 0.3164



71.8984, 0.3535, 0.3452

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



71.9014, 0.2892, 0.3417



96.9785, 0.3054, 0.3326



71.7285, 0.3180, 0.3828



20.6900, 0.3046, 0.3330



0.0000, 0.0000, 0.0000



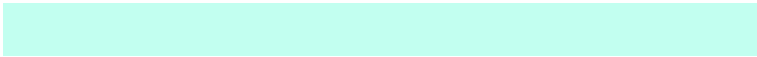
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.9014, 0.2892, 0.3417



89.2725, 0.2846, 0.3446



66.3148, 0.2820, 0.3156



16.2741, 0.3013, 0.3347



33.8077, 0.2467, 0.4080



2.5125, 0.2431, 0.3950

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



55.0607, 0.3430, 0.3167



64.3329, 0.3511, 0.3140



59.5508, 0.3499, 0.3420



14.4244, 0.3255, 0.3234



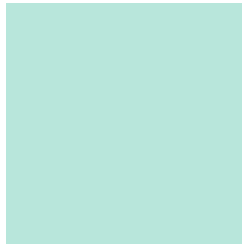
9.6976, 0.5955, 0.3054



0.7310, 0.5543, 0.2827

Previews

White Background



This preview shows how the Yxy color 71.8984, 0.2892, 0.3417 looks on a white background.

Color Contrast Check

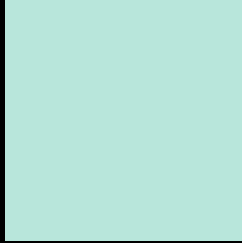
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 71.8984, 0.2892, 0.3417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

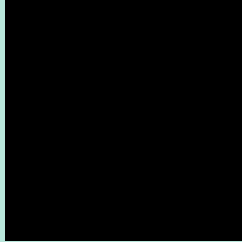
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

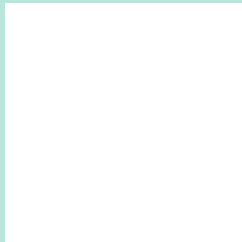
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.8984, 0.2892, 0.3417

Background



This preview shows how black text looks on a background with the Yxy color 71.8984, 0.2892, 0.3417.

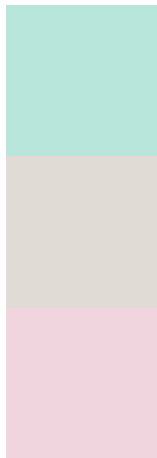


This preview shows how white text looks on a background with the Yxy color 71.8984, 0.2892, 0.3417.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

71.8984, 0.2892, 0.3417

Protanopia

71.4747, 0.3211, 0.3355

Deuteranopia

71.3877, 0.3265, 0.3196



Tritanopia

71.7432, 0.2777, 0.3089

Trichromacy



Original Color

71.8984, 0.2892, 0.3417

Protanomaly

71.3833, 0.3088, 0.3379

Deuteranomaly

71.0991, 0.3121, 0.3268

Tritanomaly

71.5011, 0.2816, 0.3199

Monochromacy



Original Color

71.8984, 0.2892, 0.3417

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

68.9816, 0.3041, 0.3335

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.8984, 0.2892, 0.3417 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(184, 230, 219)` looks like.

```
.text, #text, p{  
    color:rgb(184, 230, 219)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(184, 230, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 230, 219) }
```

Border

The CSS property to change the border of an element to Yxy 71.8984, 0.2892, 0.3417 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(184, 230, 219) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(184, 230, 219) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(184, 230, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 230, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 230, 219);  
box-shadow:4px 4px 4px 4px rgb(184, 230,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 71.8984, 0.2892, 0.3417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 230, 219) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(184,  
230, 219) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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